

## Rules of the road for safe patching

Monthly **security patches** ship on the **second Tuesday** of each month (Patch Tuesday).

For all versions of Windows, **defer them for at least 15 days**. That should give Microsoft time to identify and fix any significant oopses.

The exception is the rare urgent threat — in which case, we'll tell you to install an update sooner than later. (Check out our AskWoody.com posts on the days following Patch Tuesday.)

Another exception: Security patches may also contain nonsecurity fixes. In some cases, you might want to install a security update sooner when it includes a feature fix you really need.

Microsoft also sends out **preview updates**, typically on the **third Tuesday** of each month. They are completely optional, and we recommend skipping them. We will list them in the next Patch Watch column following their release because Microsoft typically doesn't label them as previews (bad dog!).

Updates can be deferred on Window 10 Pro and above. If you're running Win10 Home, we recommend upgrading to Pro.

Ensure that **Windows 7's** patch-update setting are set to download or check for updates, but **don't automatically install them**. It's your best defense against problematic patches.

### Other rules

Never install **hardware drivers** -- unless you get them from the computer's manufacturer

Never install an update to a newer version of **.NET**. Let your applications set the .NET versions they need

## Version 1903

Sheet updated: 6/30/2019

>>>> (Of note)

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1903>

- Notes: 1) Test only at this time, do not install on production machines.  
2) If you do not see deferral options, you may need to use group policy editor to defer quality updates  
See: <https://www.thewindowsclub.com/set-period-defer-upgrades-updates-windows-10>

3) Set quality update to defer for at least 15 days.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4501375</a>	6/27/2019	Optional		Preview	Not pushed out automatically
<a href="#">4506933</a>	6/27/2019	Conditional		Servicing-stack update	Install now only if you install the above preview update
<a href="#">4503308</a>	6/11/2019	Defer		Monthly Adobe Flash update	
<a href="#">4503293</a>	6/11/2019	Defer		June update	Windows sandbox may not start if you changed OS language
<a href="#">4497935</a>	5/29/2019	Optional		Preview	Not pushed out automatically
<a href="#">4495620</a>	5/14/2019	Install		.NET 4.8 security update	

## Version 1809/Server 2019

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1809-and-windows-server-2019>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4501371</a>	6/18/2019	Defer	Preview update	Win10 cumulative update	Fixes issues with Bluetooth pairing
>>>> <a href="#">4504369</a>	6/11/2019	Install		Servicing Stack	Will be installed automatically if you use Windows update
>>>> <a href="#">4503308</a>	6/11/2019	Install		Monthly Adobe Flash update	
>>>> <a href="#">4503327</a>	6/11/2019	Install		Win10 cumulative update	May have issues printing from Edge
>>>> <a href="#">4499728</a>	5/14/2019	Mandatory		Servicing Stack	Will be installed automatically if you use Windows update
<a href="#">4497934</a>	5/21/2019	Optional		Win10 Preview	
<a href="#">4505056</a>	5/19/2019	Optional		Win10 Update	Fixing issues with UK sites
<a href="#">4494441</a>	5/14/2019	Installed		Win10 cumulative update	Has issues with UK sites
<a href="#">4497932</a>	5/14/2019	Installed		Montly Adobe Flash update	
<a href="#">4495590</a>	5/14/2019	Installed		.NET 4.7.2 and 3.5 update	
<a href="#">4495618</a>	5/14/2019	Optional		.NET 4.8	Install only if needed
<a href="#">4493509</a>	4/9/2019	Installed	Several, none appear to be deal breakers at this time	Windows 10 1809 and Server 2019	Various issues
<a href="#">4490480</a>	4/9/2019	Installed		Windows 1809 compat	Compat issues to upgrade to 1903
<a href="#">4493510</a>	4/9/2019	Installed		1809 Servicing stack update	Fixing device drivers may not properly load
<a href="#">4493478</a>	4/9/2019	Installed	Install	Monthly Adobe Flash Player update	Flash security patch
<a href="#">4489899</a>	3/12/2019	Installed		Windows 10 1809 and Server 2019	Several, none appear to be deal breakers at this time
<a href="#">4482887</a>	3/1/2019	Optional		<b>Fixes Access 95 issues</b>	Fixes Access 95 issues
<a href="#">4489907</a>	3/12/2019	Installed	Install	Monthly Adobe Flash Player update	Flash security patch
<a href="#">4487044</a>	2/12/2019	Installed		Windows 10 1809 and Server 2019	Applications that use a Microsoft Jet database with the Microsoft Access 95 file format may randomly stop working. And after installing this update, Internet Explorer may fail to load images with a backslash (\) in their relative source path.

## Version 1809/Server 2019

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1809-and-windows-server-2019>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4487038</a>	2/12/2019	Installed	Yes	Adobe Flash	Security
<a href="#">4476976</a>	1/22/2019	Optional		Win10 Preview	Fixes issues with Access – hold for now
<a href="#">4480116</a>	1/8/2019	Installed		Win10 Update	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>
<a href="#">4480979</a>	1/8/2019	Installed	Not security	Flash update	Bug fix only

## Version 1803

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1803>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

4) I'm in the process of testing Version 1903, and I'll probably move to it in July if everything looks good.

5) I'm still on Version 1803 in the office.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4503288</a>	6/18/2019	Defer	Preview update	Win10 cumulative update	If you get a black screen on boot, to mitigate this issue, press Ctrl+Alt+Delete, then select the Power button in the lower right corner of
>>>> <a href="#">4503308</a>	6/11/2019	Install		Monthly Adobe Flash update	
>>>> <a href="#">4503286</a>	6/11/2019	Install		Win10 cumulative update	Enterprise-only bug: Renaming issues on Cluster volumes
<a href="#">4499183</a>	5/21/2019	Optional		Win10 Preview	Won't be pushed to workstations.
<a href="#">4505064</a>	5/19/2019	Optional		Win10 update	Fixes issues with UK sites
>>>> <a href="#">4497398</a>	5/14/2019	Mandatory		Servicing Stack	Will be installed automatically if you use Windows update
<a href="#">4499167</a>	5/14/2019	Installed		Win10 cumulative update	Has issues with UK sites
<a href="#">4497932</a>	5/14/2019	Installed		Monthly Adobe Flash update	
<a href="#">4495616</a>	May 2019	Optional		.NET 4.8 security update	Install only if needed
<a href="#">4493437</a>	4/25/2019	Optional		Win10 Preview	Japanese era fixes
<a href="#">4493464</a>	4/9/2019	Installed		Win10 update	Several, none appear to be deal breakers at this time
<a href="#">4493478</a>	4/9/2019	Installed		Monthly Adobe Flash Player update	Flash security patch
<a href="#">4489894</a>	3/19/2019	Optional		Win10 Preview	Fixes several issues including "Stop 0x133" in NTFS.sys
<a href="#">4489868</a>	3/12/2019	Installed		Win10 update	Several, none appear to be deal breakers at this time
<a href="#">4489907</a>	3/12/2019	Installed	Install	Monthly Adobe Flash Player update	Flash security patch
<a href="#">4487029</a>	2/19/2019	Optional		Win10 Preview	Fixes Access 95 issues
<a href="#">4487017</a>	2/12/2019	Installed		Win10 update	Same as above
<a href="#">4487038</a>	2/12/2019	Installed	Yes	Adobe Flash	Security
<a href="#">4480976</a>	1/15/2019	Optional		Win10 Preview	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>
<a href="#">4480966</a>	1/8/2019	Installed		Win10 update	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>

## Version 1803

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1803>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

4) I'm in the process of testing Version 1903, and I'll probably move to it in July if everything looks good.

5) I'm still on Version 1803 in the office.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4480979</a>	1/8/2019	Installed	Not security	Flash update	Bug fix only

## Version 1709

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1709>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

4) Final WU updates were on April 2019, should be used only in businesses that do not use Windows Update

5) You should be actively testing 1903.

	PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
	<a href="#">4503281</a>	6/19/2019	Defer	Preview update	Win10 cumulative update	
>>>>	<a href="#">4503308</a>	6/11/2019	Install		Monthly Adobe Flash update	Normal flash update
>>>>	<a href="#">4503284</a>	6/11/2019	Install		Win10 cumulative update	Enterpris- only bug: Renaming issues on Cluster volumes
	<a href="#">4499147</a>	5/28/2019	Optional		Win10 Preview	Won't be pushed to workstations.
	<a href="#">4505062</a>	5/19/2019	Optional		Win10 Update	Fixing issues with UK sites
>>>>	<a href="#">4500641</a>	5/14/2019	Mandatory		Servicing -stack	Will be installed automatically if you use Windows update
	<a href="#">4499179</a>	5/14/2019	Installed		Win10 cumulative update	Has issues with UK sites
	<a href="#">4497932</a>	5/14/2019	Installed		Monthly Adobe Flash update	
	<a href="#">4495613</a>	5/14/2019	Optional		.NET 4.8 security update	Do not install unless needed
	<a href="#">4493440</a>	4/25/2019	Optional		Win10 Preview	Japanese era fixes
	<a href="#">4493441</a>	4/9/2019	Installed		Win10 Update	Several, none appear to be deal breakers at this time
	<a href="#">4493478</a>	4/9/2019	Installed		Monthly Adobe Flash Player update	Flash security patch
	<a href="#">4489890</a>	3/19/2019	Optional		Win10 Preview	Fixes several issues including "Stop 0x133" in NTFS.sys
	<a href="#">4489886</a>	3/12/2019	Installed		Win10 Update	Several, none appear to be deal breakers at this time
	<a href="#">4489907</a>	3/12/2019	Installed	Install	Monthly Adobe Flash Player update	Flash security patch
	<a href="#">4487021</a>	2/19/2019	Optional		Fixes Access 95 issues	Fixes Access 95 issues
	<a href="#">4486996</a>	2/12/2019	Installed	Ok if you don't have /	Same as above	Same as above
	<a href="#">4487038</a>	2/12/2019	Installed	Yes	Adobe Flash	Security
	<a href="#">4480967</a>	1/15/2019	Optional		Win10 Preview	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>
	<a href="#">4480978</a>	1/8/2019	Installed		Win10 Update	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>

## Version 1709

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1709>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

4) Final WU updates were on April 2019, should be used only in businesses that do not use Windows Update

5) You should be actively testing 1903.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4480979</a>	1/8/2019	Installed	Not security	Flash update	Bug fix only



## Version 1703

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1703>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

4) This version no longer receives patches via Window Update

5) You should be actively testing 1903.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4503289</a>	6/18/2019	Defer	Preview update	Win10 cumulative update	
>>>> <a href="#">4503308</a>	6/11/2019	Install		Monthly Adobe Flash update	
>>>> <a href="#">4503279</a>	6/11/2019	Install		Win10 cumulative update	Enterprise-only bug: Renaming issues on Cluster volumes
<a href="#">4499162</a>	5/28/2019	Optional		Win10 Preview	
<a href="#">4505055</a>	5/19/2019	Optional		Win10 update	Fixing issues with UK sites
>>>> <a href="#">4500640</a>	5/14/2019	Mandatory		Servicing-stack update	Will be installed automatically if you use Windows update
<a href="#">4499181</a>	5/14/2019	Installed		Win10 cumulative update	Has issues with UK sites
<a href="#">4497932</a>	5/14/2019	Installed		Monthly Adobe Flash update	
<a href="#">4495611</a>	5/14/2019	Optional		.NET 4.8 security update	Don't install unless needed
<a href="#">4493436</a>	4/25/2019	Optional		Win10 Preview	Japanese era
<a href="#">4493474</a>	4/9/2019	Installed		Win10 update	Several, none appear to be deal breakers at this time
<a href="#">4493478</a>	4/9/2019	Installed		Monthly Adobe Flash Player update	Flash security patch
<a href="#">4489888</a>	3/19/2019	Optional		Win10 Preview	Fixes several issues including "Stop 0x133" in NTFS.sys
<a href="#">4489871</a>	3/12/2019	Installed		Win10 update	Several, none appear to be deal breakers at this time
<a href="#">4489907</a>	3/12/2019	Installed	Install	Monthly Adobe Flash Player update	Flash security patch
<a href="#">4487011</a>	2/19/2019	Optional		Win10 Preview	Fixes Access 95 issues
<a href="#">4487020</a>	2/12/2019	Installed		Win10 update	Same as above
<a href="#">4487038</a>	2/12/2019	Installed	Yes	Adobe Flash	Security
<a href="#">4480959</a>	1/15/2019	Optional		Win10 Preview	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>
<a href="#">4018124</a>	1/8/2019	Installed		Win10 update	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>

## Version 1703

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1703>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

4) This version no longer receives patches via Window Update

5) You should be actively testing 1903.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4480979</a>	1/8/2019	Installed	Not security	Flash update	Bug fix only

## Version 1607 (and Server 2016)

Sheet updated: 6/30/2019

>>>> Should be installed as of June 20

Known issues page: <https://docs.microsoft.com/en-us/windows/release-information/status-windows-10-1607-and-windows-server-2016>

Notes: 1) I don't recommend installing .NET 4.8 unless your line-of-business product needs it

2) Servicing-stack updates are generally mandatory

3) Set quality update to defer for at least 15 days.

4) This version no longer receives patches via Window Update

5) You should be actively testing 1903.

PATCH NUMBER	RELEASE DATE	STATUS	SPECIAL NOTES	DESCRIPTION	INSTALL NOTES
<a href="#">4503294</a>	6/18/2019	Defer	Preview update	Windows 10 cumulative update	
>>>> <a href="#">4503537</a>	6/11/2019	Install		Servicing -stack update	Will be installed automatically if you use Windows update
>>>> <a href="#">4503308</a>	6/11/2019	Install		Monthly Adobe Flash Player update	
>>>> <a href="#">4503267</a>	6/11/2019	Install		Windows 10 1607 June update	<a href="#">Issues with Bitlocker: (More info)</a>
<a href="#">4499177</a>	5/23/2019	Optional		Win10 Preview update	Won't be pushed to workstations.
<a href="#">4505052</a>	5/19/2019	Optional		Windows 10 1703	Fixes issues with UK sites
<a href="#">4498947</a>	5/14/2019	Mandatory		Servicing Stack	Will be installed automatically if you use Windows update
<a href="#">4494440</a>	5/14/2019	Installed		Windows 10 1703	Has issues with UK sites
<a href="#">4497932</a>	5/14/2019	Installed		Monthly Adobe Flash Player update	Normal flash update
<a href="#">4495610</a>	5/14/2019	Optional		.NET 4.8 security update	Install only if needed
<a href="#">4493473</a>	4/25/2019	Optional		Win10 Preview update	Japanese era
<a href="#">4493470</a>	4/9/2019	Installed		Windows 10 1703	Several, none appear to be deal breakers at this time
<a href="#">4493478</a>	4/9/2019	Installed		Monthly Adobe Flash Player update	Flash security patch
<a href="#">4489889</a>	3/19/2019	Optional		Win10 Preview update	Fixes several issues including "Stop 0x133" in NTFS.sys
<a href="#">4489882</a>	3/12/2019	Installed		Windows 10 1703	Several, none appear to be deal breakers at this time
<a href="#">4489907</a>	3/12/2019	Installed	Install	Monthly Adobe Flash Player update	Flash security patch
<a href="#">4487006</a>	2/19/2019	Optional		Win10 Preview update	Fixes Access 95 issues
<a href="#">4487026</a>	2/12/2019	Installed		Windows 10 1703	May have bsod on vm hosts
<a href="#">4487038</a>	2/12/2019	Installed	Yes	Adobe Flash	Security
<a href="#">4480977</a>	1/17/2019	Optional		Win10 Preview update	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>
<a href="#">4480961</a>	1/8/2019	Installed		Windows 10 1703	<a href="#">Bug in edge – you may not notice it. I've not seen issues</a>
<a href="#">4480979</a>	1/8/2019	Installed	Not security	Flash update	Bug fix only